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Binding assay using binding agents with tail groups

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Inventor:

Applicant:

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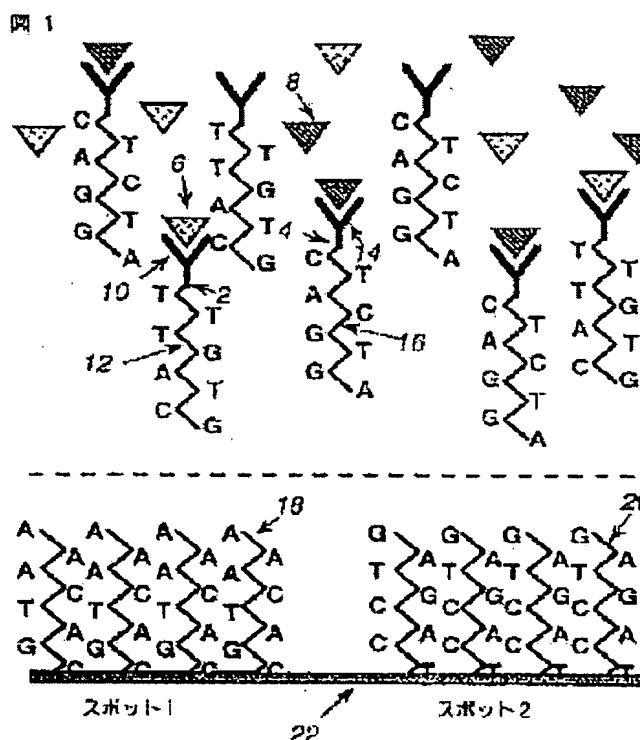
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Abstract of JP2003156493

PROBLEM TO BE SOLVED: To prepare a plurality of different bonding agents immobilized on a solid support used for a bonded assay for determining the concentration of a plurality of specimens in a liquid sample. **SOLUTION:** A plurality of different capturing agents (each capturing agent can be bonded to a tail part of a supplied bonding agent) are immobilized on separated positions on the solid support, and the bonding agents (each bonding agent has a specifically bonding part to the supplied specimen on the tail part) are brought into contact with the solid support where the plurality of different capturing agents are immobilized, and the bonding agents are specifically bonded to each capturing agent by the tail parts thereof. The capturing agent is an oligonucleotide and has a sequence capable of forming a hybrid with a complementary sequence at the tail part of the corresponding bonding agent.



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